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Read This Before Using the M306K9T2-CPE

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Microcomputer Tool Department

This document contains the information necessary for using this product. Be sure to read this before using the product.

Introduction

The M306K9T2-CPE is a compact emulator for the M16C/6K Group M306K9 with the real-time trace functions. This product consists of the following four products.

(1) Emulator M306K9T2-CPE
Compact emulator (board) for the M16C/6K Group M306K9.

(2) Emulator debugger M3T-PD30M
Control software specifically designed to control the M306K9T2-CPE emulator.

(3) C compiler M3T-NC30WA V.5.10 Release 1 (Entry version)
This version is a limited version of C compiler M3T-NC30WA V.5.10 Release 1. It consists of ANSI-conforming C compiler NC30 and relocatable assembler AS30. For the function limitations, refer to the release note of the M3T-NC30WA V.5.10 Release 1 (Entry version). Technical support and upgrade service are not provided with this product. You can purchase the regular product without these limitations.

(4) Integrated Development Environment TM V.3.20A
Though emulator debugger M3T-PD30M and C compiler M3T-NC30WA can be used independent of one another, working with integrated development environment TM enables tool start-ups from TM, option setup via GUI and automatic file generation (makefile). The integrated development environment TM normally packaged with the product is no different from TM V.3.20A, but do not seek technical support as in the case of the M3T-NC30WA (Entry version).

Setup Guide

	For details, refer to...
1. Check the contents	▶ "Package Components" (below)
▽	
2. Register your M306K9T2-CPE	▶ Hardware Tool User Registration Fax Sheet
▽	
3. Install emulator debugger M3T-PD30M	▶ "Installing the Included Software Products" (next page)
▽	
4. Setup hardware	▶ M306K9T2-CPE User's Manual "Chapter 2. Usage"
▽	
5. Turn on the emulator	▶ M306K9T2-CPE User's Manual "Chapter 2. Usage"
▽	
6. Startup emulator debugger M3T-PD30M	▶ M306K9T2-CPE User's Manual "Chapter 2. Usage"
▽	
7. Install C compiler M3T-NC30WA	▶ "Installing the Included Software Products" (next page)
▽	
8. Install integrated development environment TM	▶ "Installing the Included Software Products" (next page)
▽	
9. For usage of each product	▶ For the M306K9T2-CPE, refer to the "M306K9T2-CPE User's Manual" ▶ For the M3T-PD30M, M3T-NC30WA and TM, refer to each online manual which is installed with the product.

Package Components

Check to see if your product package contains all of the following items before using the product.

1	M306K9T2-CPE emulator		1
2	USB interface cable		1
3	Power cable		1
4	Hardware Tool User Registration Fax Sheet		1
6	Read this before using M306K9T2-CPE (English) [this document]		1
7	Read this before using M306K9T2-CPE (Japanese)		1
8	M306K9T2-CPE User's Manual (English)		1
9	M306K9T2-CPE User's Manual (Japanese)		1
10	CD-ROM	• Emulator debugger M3T-PD30M V.2.00 Release 1 • C compiler M3T-NC30WA V.5.10 Release 1 (Entry version) • Integrated development environment TM V.3.20A	1

If any of these items are missing or found faulty, please contact your local distributor.

Operating Environment of the Included Software Products

The operating environment of included software products are shown below.

Host machine	IBM PC/AT compatibles
OS	Windows Me, Windows 98, Windows 2000, Windows XP
CPU	Pentium II 233 MHz or greater is recommended
Memory	128M bytes or greater is recommended

Installing the Included Software Products

(1) Emulator debugger M3T-PD30M Installation

* If using Windows XP/2000 as the host machine OS, have M3T-PD30M installed by someone of administrator access level. Installation cannot be completed by users with lower access level status.
* Working from Windows Explorer, start up "setup.exe" in the \PD30M\W95E folder on the CD-ROM. Then, install the software as instructed by the displayed messages.
* Install the USB device driver as described below. To install the driver, you need to install the M3T-PD30M beforehand.
  1. Connect the host machine and the compact emulator using the USB cable.
  2. Turn on the compact emulator.
  3. The USB device is detected and the wizard to install the device driver starts up.

  By following the instructions, a dialog box to specify a setup information file (inf file) will open. Then specify the file “musbdrv.inf” in the directory where the M3T-PD30M is installed (e.g. c:\mtool\pdxx\drivers).

(2) C Compiler M3T-NC30WA Installation

* If the original version M3T-NC30WA is already installed, do NOT install the M3T-NC30WA (Entry version) included with this product and use the original M3T-NC30WA.
* Working from Windows Explorer, start up "setup.exe" in the \NC30WA\W95E folder on the CD-ROM. Then, install the software as instructed by the displayed messages.

(3) Integrated Development Environment TM Installation

* If the original version TM is already installed, do NOT install the TM included with this product and use the original TM.
* Working from Windows Explorer, start up "setup.exe" in the \TM\W95E folder on the CD-ROM. Then, install the software as instructed by the displayed messages.

(4) Acrobat® Reader Installation

Electronic manuals are included in the software package. Acrobat Reader is needed to view these manuals. Acrobat Reader is in the Acrobat folder on the CD-ROM, so install it as necessary. The latest version of Acrobat Reader can be downloaded from Adobe Systems website at http://www.adobe.com/.

Acrobat is a registered trademark of Adobe Systems Incorporated.

Precautions for Using the Included Software Products

(1) Emulator debugger M3T-PD30M

* A release note is installed in the \PD30M\RNOTE folder on the CD-ROM. Read it before using the software.

(2) C compiler M3T-NC30WA (Entry version)

* A release note is installed in the \NC30WA\RNOTE folder on the CD-ROM. Read it before using the software.
* An explanation about the entry version appears for about over 10 seconds when you startup the M3T-NC30WA for the first time each day. This explanation does not appear later within the day.

(3) Integrated Development Environment TM

* A release note is installed in the \TM\RNOTE folder on the CD-ROM. Read it before using the software.

For the Latest Information

Visit our website (URL below). Please use this website providing the latest information of Renesas tool products. For C compiler M3T-NC30WA (Entry version), refer to information of the M3T-NC30WA.

http://www.renesas.com/

To Contact Us

Fill in the text file the installer of the emulator debugger generates in the following directory and email to your local distributor.

\SUPPORT\product name\SUPPORT.TXT

Email address: support_tool@renesas.com